

U.S. Serial No. 10/571,044
Reply to Office Action of November 5, 2008
Amendment dated: April 6, 2009

REMARKS/ARGUMENTS

Applicants thank the Examiner for withdrawing the Examiner's previous prior art rejections set forth in the earlier office action. By this amendment, Applicants have modified each of the independent claims to clarify the subject matter of the present invention. Applicants respectfully request reconsideration of the prior art rejections set forth by the Examiner under 35 U.S.C. § 102 and 103. Applicants respectfully submit that the prior art references of record, whether considered alone, or in combination, fail to either teach or suggest Applicants presently claimed invention.

More specifically, by this amendment, Applicants have modified each of the independent claims to specifically require that the diffuser structure is comprised of diffusing elements formed in the continuous body of the first resin material at a light incident side. These aspects of the present invention are described throughout the specification and are specifically illustrated in Figure 15 which is described in detail on page 31 of the instant specification. As described therein, this portion of the specification describes the diffuser 261 that is provided with a light incidence control layer 271 including a prismatic surface at a light incident side. Additionally, this exemplary embodiment of the invention includes a light distribution layer 181. The prismatic surface has many V-shaped stripe groups that have a saw-tooth cross sectional shape, for example. The light incidence control layer 271 is formed from the same resin body as the light distribution layer 181 and the diffusion layer 182 except for the diffusion elements 191.

Applicants respectfully submit that none of the references of record cited by the Examiner teach or suggest this advance in the art. Applicants instant invention is directed to the formation of a liquid crystal display apparatus having a reduced physical size. Advantageously, in contrast with the prior art, the numerous lens sheet structures have been eliminated and replaced by a single continuous body of a first resin material within which individual pieces of a second resin body which are surrounded by the first resin body are located.

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Advantageously, by providing the diffusion structures formed integrally of the body of the first resin material at a light incident side, a more compact structure can be achieved while also providing improved display characteristics which eliminate the moire phenomenon inherent in the prior art. Applicants respectfully submit that none of the references of record teach or suggest this advance in the art.

Accordingly, in light of the foregoing, Applicants respects we submit that all claims now standing condition for allowance.

The Commissioner is hereby authorized to charge any fees due or to credit any overpayment to Deposit Account No. 50-3891.

Date: 4/6/09

Respectfully submitted,

(Reg. 37,607)

Robert L. Depke
ROCKEY, DEPKE & LYONS, LLC
Sears Tower, Suite 5450
Chicago, Illinois 60606-6306
Tel: (312) 277-2006
Attorney for Applicants